

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:

Zheng QI

Patent. No.: 7,299,355 B2

Issued: November 20, 2007

For: **Fast Sha1 Implementation**

Confirmation No.: 4910

Atty. Docket: 2875.0680001

**Request for Certificate of Correction
under 37 C.F.R. § 1.322**

Attn: Certificate of Correction Branch

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

It is hereby requested that a Certificate of Correction under 37 C.F.R. §§ 1.322 and 1.323 be issued for the above-captioned United States Patent. This Certificate of Correction is being requested due to mistakes which appear in the printed patent. These mistakes were made by both the U.S. Patent and Trademark Office and by Applicants. The mistakes made by Applicants are of a clerical or typographical nature, or of a minor character. Patentees submit that correction of these errors does not introduce new matter.

Specifically, the printed patent contains the following errors for which a Certificate of Correction is respectfully requested:

- In Claim 1, Column 12, Line 51, please delete "theoutput" and replace with --the output--.
- In Claim 2, Column 12, Line 56, please delete "thee 32-bit CSAs" and replace with --three 32-bit CSAs--.

- In Claim 4, Column 12, Line 62, please delete "wherein combined adder tree includes add 5tol and add 4tol adders." and replace with -- wherein the combined adder tree includes add5tol and add4tol adders.--.
- In the Specification, Column 3, Lines 56-58, please delete "As noted above, of the two algorithms supported by the IPsec protocol, HMAC-SHA1-96 is about twenty-five percent slower".

Support for the corrections can be found in the Notice of Allowability/Examiner's Amendment dated July 9, 2007 and the Amendment and Reply under 37 C.F.R. § 1.116 filed April 23, 2007.

Remarks

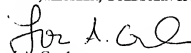
The above-noted corrections do not involve such changes in the patent as would constitute new matter or would require reexamination.

A completed Form PTO/SB/44 accompanies this request, with the above-noted corrections printed thereon. Accordingly, a Certificate of Correction is believed proper and issuance thereof is respectfully requested.

This request is accompanied by an online payment of the fee set forth in 37 C.F.R. § 1.20(a). The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Lori A. Gordon
Attorney for Patentee
Registration No. 50,633

Date: January 9, 2008
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
763737_1.DOC

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,299,355 B2
DATED : November 20, 2007
INVENTOR(S) : Zheng QI

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Claim 1, Column 12, Line 51, please delete "theoutput" and replace with --the output--.

In Claim 2, Column 12, Line 56, please delete "thee 32-bit CSAs" and replace with --three 32-bit CSAs--.

In Claim 4, Column 12, Line 62, please delete "wherein combined adder tree includes add 5tol and add 4tol adders." and replace with -- wherein the combined adder tree includes add5tol and add4tol adders.--.

In the Specification, Column 3, Lines 56-58, please delete "As noted above, of the two algorithms supported by the IPsec protocol, HMAC-SHA1-96 is about twenty-five percent slower".

MAILING ADDRESS OF SENDER:

Sterne, Kessler, Goldstein & Fox P.L.L.C.
1100 New York Avenue, N.W.
Washington, DC 20005-3934

PATENT NO. 7,299,355 B2

No. of additional copies

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.